Amendments to the Specification:

For simplicity, all citations to the specification will refer to the paragraph numbers used in the application's Patent Application Publication, US 2004/0160360A1.

Please replace paragraph [0017], with the following amended paragraph:

[0017]   The satellite acquisition information transferred to the MS 100 is calculated ~~using estimation information of an~~ based on the MS 100's estimated GPS signal search time ~~time of application~~ (Ta) for determining a position of the MS 100, instead of using satellite orbital information transferred from the reference station GPS receiver 130 to the PDE 120 at a ~~specific time time of~~ current time (Tc). Particularly, there is ~~little difference~~ variation in code phase and Doppler shift information contained in the satellite acquisition information due to the movement of satellites with the lapse of time. Therefore, the code phase and Doppler phase of individual satellites must be calculated considering the time Ta at which the MS 100 searches for the GPS signal to recognize its position. In this case, the code phase is equal to a phase difference between the satellite and the MS 100 at the time Ta, and is calculated by a pseudo range between the MS 100 and the GPS satellite. The Doppler shift is equal to a frequency variation of the moving satellite.